

REMARKS:

Claims 1-15 are pending and under consideration. Claims 1-5, 7-12 and 15 were rejected under 35 U.S.C. §102(b) as being unpatentable over U.S. Patent No. 6,451,202 to Kuennen et al. ("Kuennen"). Claims 6, 13 and 14 were rejected under 35 U.S.C. 103(a) as being unpatentable over Kuennen in view of U.S. Patent No. 5,622,622 to Johnson ("Johnson"). Claim 7 has been canceled.

As a preliminary matter, the independent claims have been amended to better define the novel features of the present invention. All of the claims now include the subject matter of Claim 7, namely, heat dissipating elements disposed on an outside of reflectors, which in turn are arranged to reflect light produced by one or more UV lamp into the fluid to be irradiated.

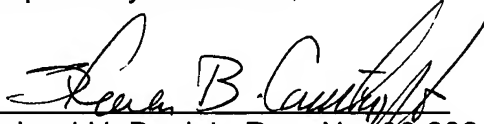
None of the prior art, including Kuennen or Johnson teaches or suggests the reflector with heat dissipating elements as shown in the present application and set out in the present claims. *Kuennen does not show heat dissipating elements on a reflector.* It is noted that the Action refers to FIG. 23D of Kuennen with respect to heat dissipating elements on a reflector. However, contrary to the Action, FIG. 23D contains only a pair of spaced parallel lamp assemblies 82 and shows a condensing o-ring 84 *fastened onto the filaments 444* (see FIG. 23A). Kuennen does show reflectors 402 (See FIG. 19), however, it is not taught or suggested that the reflectors are be provided with any means of cooling. To the contrary, the reflectors 402 are snugly fastened to an inside of enclosure 400 (see FIG. 19). Johnson does not supply the deficiencies of Kuennen.

Since Kuennen does not show the above-discussed reflectors and heat dissipating elements, Claims 1-5, 7-12 and 15 cannot be anticipated by Kuennen. Since the combination of Kuennen and Johnson does not show or suggest the above-discussed reflectors and heat dissipating elements, Claims 6, 13 and 14 cannot be rendered obvious by Kuennen and Johnson.

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Reconsideration and a Notice of Allowability are solicited of Claims 1-6 and 8-15.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Steven B. Courtright", is written over a horizontal line.

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